

SECTION 108

BRICK

108.1 GENERAL

Brick shall be whole, sound, and hard burned and shall give a clear ringing sound when struck together. They shall be uniform in quality and shall be culled or sorted before delivery to the work site.

108.2 REFERENCES

108.2.1 ASTM:

- C 32
- C 62
- C 216
- C 902
- C 1028

108.3 MANHOLE BRICK

108.3.1 Sewer manhole brick shall conform, except for dimensional tolerances, to the requirements of ASTM C 32.

108.3.2 Manhole brick shall conform to the following standard size dimensions: length = 7-5/8 inches, width = 3-5/8 inches and depth = 2-1/4 inches.

108.4 BUILDING BRICK

Building brick shall conform to the requirements of ASTM C 62, Grade MW. The size and texture shall be specified on the plans or as approved by the ENGINEER.

108.5 FACING BRICK

Facing brick shall conform to the requirements of ASTM C 216, Grade SW, Type FBS. The size, color, and texture shall be as specified on the plans or as approved by the ENGINEER.

108.6 PEDESTRIAN AND TRAFFIC PAVING BRICK

108.6.1 Brick used for sidewalks, drive pads, or street surfacing shall conform to the requirements of ASTM C 902, Class SX, Type I. The size of the brick shall be: length = 8 inches, width = 3 3/4 inches and depth = 2 1/4 inches. The surface texture shall be smooth and the color shall be as specified on the plans or as approved by the ENGINEER.

108.6.2 Depending on the size of shipment or order, the ENGINEER may request a random selection of the brick for determining the static coefficient of friction for the dry brick. Tests shall be conducted by an independent testing laboratory and shall be conducted in

accordance with ASTM C 1028. All tested brick must have a coefficient of friction greater than 0.65. Test results shall be included in the require certification of the brick, as per Section 348.

108.7 MEASUREMENT AND PAYMENT

No separate measurement or payment shall be made for brick, unless otherwise stipulated in the Bid Proposal.